Product Sheet

Graphics Core	500 MHz
Memory Interface	320 bit
Fill Rate	24 billion/sec
RAMDACs	Dual 400 MHz
Chipset	GeForce™ 8800 GTS
Memory Bandwidth	64 GB/sec
Memory Clock	1.8 GHz
Dual Link DVI - Supporting digital output up to 2560x1600	DUAL
Clock rate	580 MHz
Shader Clock	1300 MHz
Chipset	GeForce 8800 GTS
Memory	640 MB
Bus Type	PCI-E
Memory Type	DDR3
Memory Bus	320 bit
Highlighted Features	HDCP Ready,HDTV ready,RoHS,SLI ready

NVIDIA® unified architecture with GigaThread™ technology

Massively multi-threaded architecture supports thousands of independent, simultaneous threads, providing extreme processing efficiency in advanced, next generation shader programs.

NVIDIA® Lumenex™ Engine

Delivers stunning image quality and floating point accuracy at ultra-fast frame rates.

Full Microsoft® DirectX® 10 Support

World's first DirectX 10 GPU with full Shader Model 4.0 support delivers unparalleled levels of graphics realism and film-quality effects.

Dual 400MHz RAMDACs

Blazing-fast RAMDACs support dual QXGA displays with ultra-high, ergonomic refresh rates--up to 2048x1536@85Hz.

Dual Link DVI

Capable of supporting digital output for high resolution monitors (up to 2560x1600).

NVIDIA® SLI™ Technology

Delivers up to 2x the performance of a single GPU configuration for unparalleled gaming experiences by

allowing two graphics cards to run in parallel. The must-have feature for performance PCI Express graphics, SLI dramatically scales performance on over 60 top PC games.

PCI Express™ Support

Designed to run perfectly with the next-generation PCI Express bus architecture. This new bus doubles the bandwidth of AGP 8X delivering over 4 GB/sec. in both upstream and downstream data transfers.

16x Anti-aliasing

Lightning fast, high-quality anti-aliasing at up to 16x sample rates obliterates jagged edges.

NVIDIA® PureVideo™ Technology

The combination of high-definition video processors and NVIDIA DVD decoder software delivers unprecedented picture clarity, smooth video, accurate color, and precise image scaling for all video content to turn your PC into a high-end home theater. (Feature requires supported video software.)

OpenGL™ 2.0 Optimizations and Support

Ensures top-notch compatibility and performance for all OpenGL applications. NVIDIA® nView® Multi-display Advanced technology provides the ultimate in viewing flexibility and control for multiple monitors.

NVIDIA® nView® Multi-Display Technology

Advanced technology provides the ultimate in viewing flexibility and control for multiple monitors.